

AMENDMENTS TO THE SPECIFICATION

Page 1, lines 1-2, Replace the BOLDED title with the following UNBOLDED title:

A1  
WIRELESS SECURITY ACCESS MANAGEMENT  
FOR A PORTABLE DATA STORAGE CARTRIDGE

Page 43, lines 1-2, Replace the BOLDED title with the following UNBOLDED title:

A2  
WIRELESS SECURITY ACCESS MANAGEMENT  
FOR A PORTABLE DATA STORAGE CARTRIDGE

Abstract, beginning at page 43, line 4, amend the body of the abstract as follows:

A3  
A portable security system mounted in a portable data storage cartridge for managing access by users to the cartridge. A programmable computer processor mounted in the cartridge is powered by and ~~receives data from and transmits~~ transfers data to a data storage drive via a wireless RF interface, when mounted in the drive. A user table has a unique user identifier for each authorized user and lists permitted activities of the user ~~is authorized to conduct with respect to~~ for the data storage cartridge. Preferably, ~~a private key, public key algorithm is employed. Thus, the~~ The user identifier comprises a user symbol and a user decrypting sender public key. ~~A user~~ An authentication message from the authorized user is encrypted by a sender private key and a receiver public key, ~~in accordance with a predetermined algorithm, employing the cryptographic algorithm.~~ The ~~cryptographic algorithm~~ cartridge processor decrypts the ~~user authentication~~ message employing a receiver private key and the sender public key, whereby the user authentication message is

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A3 known to have come from the user. ~~Then, the security system~~  
~~algorithm~~ and grants access to the user for the listed activities  
~~with respect to~~ for the cartridge.

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